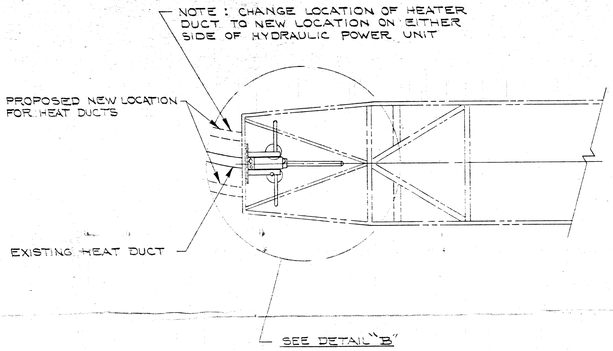
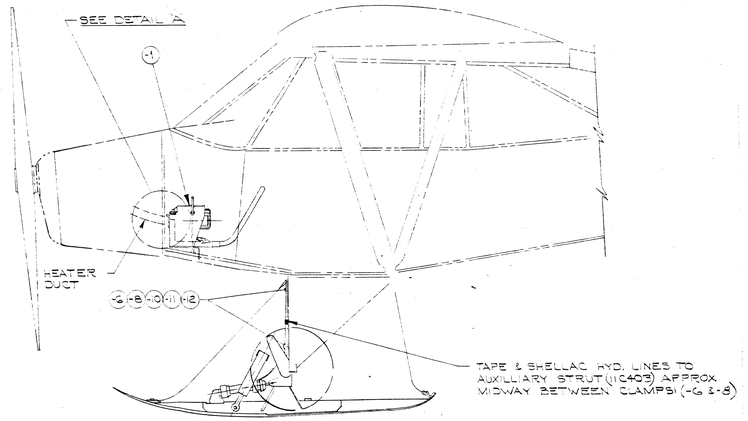
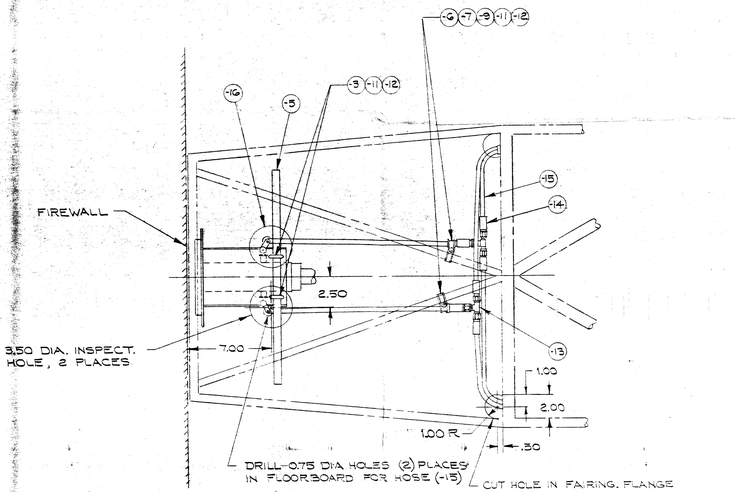
REVISIONS					
SYM	LTR	DESCRIPTION		DATE	APPD
	C	REDRAWN - NO CHANGE		7-6-72	JV


NOTE : CHANGE LOCATION OF HEATER DUCT TO NEW LOCATION ON EITHER SIDE OF HYDRAULIC POWER UNIT
PROPOSED NEW LOCATION FOR HEAT DUCTS
EXISTING HEAT DUCT
SEE DETAIL "B"



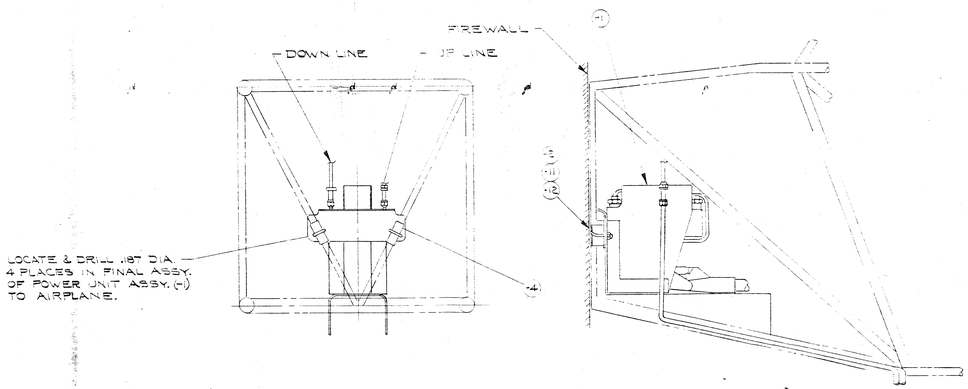
SCALE: 1/10



BOTTOM VIEW DETAIL "B"
SCALE 1/4

NOTES:

1. BECAUSE OF VARIATIONS WHICH EXISTS BETWEEN VARIOUS AIRPLANE MODELS RESULTING IN DIFFERENT HOSE LENGTHS, THE FLEXABLE HOSE IS SUPPLIED IN BULK WITH THE NECESSARY HOSE END FITTINGS TO COMPLETE. THE INSTALLATION WHEN ROUTING OF HYDRAULIC LINES HAS BEEN DETERMINED, CUT OFF HOSES TO LENGTH & INSTALL HOSE END FITTINGS.
2. BE SURE TO SUPPLY AMPLE SLACK IN HOSES AT SKI PIVOTS TO ALLOW SKIS TO PITCH FULL RANGE WHEN "UP" OR "DOWN" ON WHEEL WITHOUT STRETCHING HOSES.
3. FILL SYSTEM WITH LOW TEMPERATURE HYDRAULIC FLUID (MIL-H-5606 OR EQUIV.)



DETAIL "A"
SCALE 1/4=1

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QTY REQD	ITEM NO.	PART NUMBER	DESCRIPTION	SPECIFICATIONS
2	16	NO 316 OR EQUIV	STR. ASS'Y HOSE COVER	
(80)	15	MIL-H-5511-4	HOSE - HYDRAULIC	
12	14	AN 782-4D	FITTING-HOSE END	
2	13	AN 824-4D	TEE-FLARED TUBE	
4	12	MS20365-1032	NUT	
4	11	AN960-10	WASHER	
4	10	AN 3-16A	BOLT	
2	9	AN 3-5A	BOLT	
4	8	AN 742-14C	CLAMP	
2	7	AN 742-12C	CLAMP	
10	6	AN 742-10C	CLAMP	
1	5	11A 808	TUBE	
2	4	11A 809	BLOCK	
2	3	11A 807	CLAMP	
2	2	11A 806	CLAMP	
1		10G1335	ASSY POWER UNIT & BRACKETS	

LIST OF MATERIALS

DRILLED HOLE TOLERANCE	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS .XXX ±.005, .XX ±.010, .X ±.060; FRACTIONS ±1/32; MACHINED ANGLES ±1/2°; MACHINED SURFACE ROUGHNESS 125/ THREADS PER MIL-STD-8B, 8A; MARK DRAWING NO. ON PART	DRAWN	LOF 7-25-72
		CHECKED	JV 7/25/72
		PROJECT ENG.	7/26/72
		JOB SUPER.	
		QUAL. MGR.	
MATERIAL			
FINISH			

FLUIDYNE ENGINEERING CORP.
2900 OLSON MEMORIAL HIGHWAY, MINNEAPOLIS, MINNESOTA

INSTALLATION HYD. SYSTEM
PIPER MODELS
J3, PA11, PA18 & PA19

SIZE: CODE IDENT NO. 04802 | 11R570 | REV C
SCALE NOTED | JOB NO. | SHEET

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